Date: Fri, 4 Mar 94 13:40:21 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #237
To: Info-Hams

Info-Hams Digest   Fri, 4 Mar 94   Volume 94 : Issue 237

Today's Topics:
** New England Ham - Electronic Fleamarket Dates ** 1 March ** Update
               Comp Control Software for Kenwood TS-690
     Daily Summary of Solar Geophysical Activity for 26 February
                  Help: Neighbor's CW interference
                          Jerk on 20 mtrs
                          Ramsey DF-1 Kit

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 3 Mar 1994 07:38:36 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!vixen.cso.uiuc.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!MathWorks.Com!news.kei.com!bloom-beacon.mit.edu!senator-
bedfellow.mit.edu!w1gsl@network.ucsd.edu
Subject: ** New England Ham - Electronic Fleamarket Dates ** 1 March ** Update
To: info-hams@ucsd.edu

New England Area Ham - Electronic Flea Market *** DATES *** 1994 P 1 of 2
All events are Ham Radio/ Electronic related except ~_____~
****
1994   Contact   Source
~~~~~~
5 March Lewiston ME AARC @Multi P CTR $3@8 $5/T@7:30 Sal W1CUW 207 998 2853 F

5 March Twin Mt NH LARK + NCARC @TownHall 8A b$2 s$4 Gil WB1DVD 603 444 2290 F+

6 March Northampton MA MtTomARA @Smth VoT $12@8 $3@9 Jim K1MEA 413 527 3199
~~~~~~

6 March Braintree MA SSARA @ DAV $14/T@9 $2@10:30 Thaire KA1MJR 508 230 2248 F

13 March Bristol CT ICRC @Eastern HS b$4@9 s$10/t@7 Chuck K1DFS 203 747 6377 F+

19 March Hudson NH IRS @Lions Hall $10/T@6:30 $2@8 John KA1FYB 603 881 5796 F

20 March Westboro MA MMRA @HS $2@10A sell@8AM$8-22 Walter N1HBR 508 481 0994 F+

20 March Yonkers NY WECAfest @Raceway $5@9 $10tg-$20/table@6 914 962 9666

26 March Portland ME @UofSME gym $6@6:30 $4@8 x6bI295 Ron KA1FI 207 846 9090 F

26 March Upper Saddle R NJ CRRC @SrHS Jack W2EHD 201 768 8360

26,27 March Baltimore MD Hamboree @Timonium 8A- $5 Sell $5/10+ 800 HAM FEST

2 April Waterford CT SCRAMS @MuniHall Auction@10 free Bob KA1BB 203 739 8016 +

10 April Framingham MA @ HS $14@8 $10tg $5@9 $2@10 Barry WN1N 508 877 4947 F+

10 April Southington CT SARA @HS? N1GCV 203 621 6191 D

17 April Cambridge MA FLEA at MIT Nick 617 253 3776 F
buy $2@9A sellers $10/sp@7A $8in adv $35/sp "Season Pass"
3rd Sunday Each Month April thru October

17 April Agawam MA HCRA @ Southwick Rec Ctr $3@9 Barry N1IJK 413 747 7010

23 April Nashua NH NE Antique RC $5@9 $1@10 @Res Ctr Church Ray 508 865 1290

23 April Montreal PQ WIARC B$3 $10/Table ti146.91- Jan VE2OL 514 636 4824 +

23,24 April Waltham MA Photographica 10-5 $5 ~photo~ (bef 9PM) 617 965 0807 F

24 April Pittsfield MA NoBARC @Taconic HS $7@7 $2@8 Chuck NZ1Z 413 447 8377 +

29,30 April 1 May Dayton OH F

1 May Buzzards Bay MA WARC @FO Eagle Barry N1EZH 508 759 7924 T+

1 May Yonkers NY @Lincoln HS $5@9 $18/T@7 Otto WB2SLQ 914 969 1053 +

6,7 May Rochester NH Hoss Traders @FG ex13 off rt 16 $5 noon fri Joe K1RQG

10-12 May Boston MA ELECTRO @ Hynes "Electronics trade show" +

15 May Cambridge MA FLEA at MIT Nick 617 253 3776 F

15 May Poughkeepsie NY Mt B ARC @Arl HS $10@6 $5@8 Ken KL7JCQ 914 485 9617

~~~~~~

LAST UPDATE 3-1-94 de W1GSL P 1 of 2

****

Additions/ Corrections via Internet w1gsl@athena.mit.edu
SASE for updated copy. TCPIP w1gsl@gw.w1mx.ampr.org
AX.25 w1gsl@wa1phy.#ema.ma.usa
US Mail W1GSL POB 82 MIT Br Cambridge MA 02139

P 2 of 2

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1994 Contact Source

~~~~~~

20,22 May Rochester NY NYS ARRL Conv Harold K2HC 716 424 7184 A

21 May Forestdale RI RIFMRS @VFW 8A Rick K1KYI 401 725 7507

30 May Whitman MA WARC @Rt 14+18 sell@$10/sp (monday) 617 447 1277 F

5 June Newington CT @HS Flea + ARRL HQ OH Al N1JWF 203 747 1925 T

19 June Cambridge MA FLEA at MIT Nick 617 253 3776 F
buy $2@9A sellers $10/sp@7A $8in adv $35/sp "Season Pass"
3rd Sunday Each Month April thru October

17 July Cambridge MA FLEA at MIT Nick 617 253 3776 F

23 July Nashua NH NE Antique RC $5@9 $1@10 @ Res Ctr Church Ray 508 865 1290

7 Aug Wellesley MA WARS @Babson Trim Hall $2@9 Barbara N1ICQ 617 329 2628 F+

13 Aug Charlotte VT @Old Lantern CG 8A- $5 su 3P Fri Dave N1ERD 802 893 7660 T

21 Aug Cambridge MA FLEA at MIT Nick 617 253 3776 F

27 Aug Gardner MA MARC @Drive-in $5@6 $2@8 Bill WJ1Y 508 939 2643 T

10 Sept Berlin VT CVTARC Robert McCorkle 802 433 6172 A

17 Sept Forestdale RI RIFMRS @VFW 8A Rick K1KYI 401 725 7507

18 Sept Cambridge MA FLEA at MIT Nick 617 253 3776 F

21-24 Sept Rochester NY Antique WA Conf Joyce 607 739 5443

25 Sept Framingham MA @ HS $14@8 $10tg $5@9 $2@10 Barry WN1N 508 877 4947 F+

25 Sept Yonkers NY @Lincoln HS $5@9 $18/T@7 Otto WB2SLQ 914 969 1053 +
~~~~~~

1,2 Oct Boxboro MA NE Div Conv. Gene W1VRK 617 631 7388 A

8,9 Oct Durham CT Nutmeg @FG Opens 4PM sat $5-25 Jim N1IZF 203 349 3353 F

16 Oct Cambridge MA FLEA at MIT Nick 617 253 3776 F

22,23 Oct Waltham MA Photographica 10-5 $5 ~photo~ (bef 9PM) 617 965 0807 T

29 Oct Nashua NH NE Antique RC $5@9 $1@10 @ Res Ctr Church Ray 508 865 1290

12 Nov Plymouth MA Mayflower RC @Mem Hall 9-3 sell@8 Jim NM1F 508 747 2224 T+

13 Nov Branford CT SCARA @intrm sch Brad WA1TAS 203 265 9983 T

~~~~~~

LAST UPDATE 3-1-94 de W1GSL P 2 of 2

Source F= Flyer T= tentative early info + = new info this month
A= ARRL J= John Roberts D= W1DL WR NV 73 CQ QST = Mags

This list has been compiled from many sources. While we believe the info to be accurate the author can not be responsible for changes or errors.
Check with the sponsoring organizations for more details. This list will be posted monthly to USENET. Mailed copies are sent when additions are made.

****

Additions/ Corrections via Internet w1gsl@athena.mit.edu
SASE for updated copy. TCPIP w1gsl@gw.w1mx.ampr.org
AX.25 w1gsl@wa1phy.#ema.ma.usa
US Mail W1GSL POB 82 MIT Br Cambridge MA 02139

New England Area Ham - Electronic Flea Market *** DATES *** 1994 ***

Page 3 Electronic distribution only. This page has the overflow if any from the paper version. P3

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1995 Contact Source

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15 Jan Yonkers NY @Lincoln HS $5@9 $18/T@7 Otto WB2SLQ 914 969 1053 +

~~~~~~

LAST UPDATE 3-1-94 de W1GSL P 3

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Additions/ Corrections via Internet w1gsl@athena.mit.edu
TCPIP w1gsl@gw.w1mx.ampr.org
AX.25 w1gsl@wa1phy.#ema.ma.usa
US Mail W1GSL POB 82 MIT Br Cambridge MA 02139
SASE for updated copy as issued.

Date: Wed, 02 Mar 94 22:01:16 CST
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!cs.utexas.edu!utnut!utcsri!
newsflash.concordia.ca!canopus.cc.umanitoba.ca!bison!draco!kynes!sys6626!
tyrell@network.ucsd.edu
Subject: Comp Control Software for Kenwood TS-690
To: info-hams@ucsd.edu

I am looking for computer control software for the Kenwood TS-690. I have
been told that software for the TS-450 may also work. Any assistance
would be greatly appreciated. Please E-mail me (Bill Sproul) here, or
preferably on compuserve at 73742.2210@compuserve.com I do not have ftp
access on my accounts, but I have a friend at the University of Manitoba
that does. Thanks, Bill Sproul.

Date: 27 Feb 94 16:23:28 GMT
From: nprdc!ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!
alberta!fantom!crs-sys!ersys!adec23!ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 26 February
To: info-hams@ucsd.edu

/\

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACT

26 FEBRUARY, 1994

/\

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACT

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 057, 02/26/94
10.7 FLUX=094 90-AVG=107 SSN=063 BKI=2111 1101 BAI=003
BGND-XRAY=B1.4 FLU1=8.9E+05 FLU10=1.7E+04 PKI=2122 2111 PAI=005
BOU-DEV=018,009,008,005,005,006,004,007 DEV-AVG=007 NT SWF=00:000
XRAY-MAX= B9.6 @ 0516UT XRAY-MIN= A9.0 @ 0723UT XRAY-AVG= B2.0
NEUTN-MAX= +003% @ 1555UT NEUTN-MIN= -003% @ 0900UT NEUTN-AVG= +0.1%
PCA-MAX= +0.1DB @ 2205UT PCA-MIN= -0.7DB @ 0720UT PCA-AVG= -0.0DB
BOUTF-MAX=55344NT @ 0719UT BOUTF-MIN=55311NT @ 1919UT BOUTF-AVG=55334NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+071,+000,+000
GOES6-MAX=P:+115NT@ 1900UT GOES6-MIN=N:-057NT@ 0602UT G6-AVG=+092,+037,-030
FLUXFCST=STD:090,090,090;SESC:090,090,090 BAI/PAI-FCST=008,008,010/008,008,015

KFCST=2222 3321 2223 3221 27DAY-AP=009,007   27DAY-KP=3123 3332 2132 2223
WARNINGS=
ALERTS=**SWEEP:II=2@2332-2348UTC
!!END-DATA!!

NOTE: The Effective Sunspot Number for 25 FEB 94 was 37.0.
The Full Kp Indices for 25 FEB 94 are: 1+ 2o 5- 4o 2+ 2+ 3- 2-
The 3-Hr Ap Indices for 25 FEB 94 are: 5 7 37 30 10 10 11 7
Greater than 2 MeV Electron Fluence for 26 FEB is: 9.6E+07

SYNOPSIS OF ACT

Solar activity was very low. All the regions on the disk have been quiet and stable. A new region was assigned today as Region 7680 (S13E75).

Solar activity forecast: solar activity is expected to be very low through the period.

The geomagnetic field has been at quiet levels for the past 24 hours. High-latitudes experienced brief periods of unsettled to active levels during nighttime sectors.

Geophysical activity forecast: the geomagnetic field is expected to be unsettled through the period.

Event probabilities 27 feb-01 mar

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 27 feb-01 mar

A. Middle Latitudes	
Active	10/10/20
Minor Storm	05/05/10
Major-Severe Storm	01/01/01

B. High Latitudes	
Active	15/15/25
Minor Storm	10/10/15
Major-Severe Storm	05/05/05

HF propagation conditions were normal over all regions.

No changes are expected over the low and middle latitudes during the next three days, through 01 March inclusive. High latitudes may experience mild signal degradation on 01 March.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WIT

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG TYPE
7675	S11W13	109	0010	HRX	01	002	ALPHA
7678	S14E48	048	0040	HSX	02	002	ALPHA
7679	N03E10	086	0040	DAO	04	006	BET
7680	S13E75	021	0000	AXX	00	001	ALPHA
7681	S14W05	101	0000	AXX	00	002	ALPHA
7671	N11W95	191					PLAGE
7674	S14W69	165					PLAGE
7676	N08E01	095					PLAGE
7677	N20W64	160					PLAGE

REGIONS DUE TO RET

NMBR	LAT	
7666	N18	350

LISTING OF SOLAR ENERGETIC EVENTS FOR 26 FEBRUARY, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
2324	2336	2349	7675	S12W10	B5.5	SF			II

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 26 FEBRUARY, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
26/2332		2348	S12W10	RSP	B5.5	25	2	

INFERRED CORONAL HOLES: LOCATIONS VALID AT 26/2400Z

ISOLATED HOLES AND POLAR EXT

	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
63	S30W68	S30W68	S25W83	S18W73	181	ISO	POS	003	10830A
64	S59W33	S59W43	S24W90	S24W90	165	EXT			
65	S37E07	S37E07	S15W18	S10W13	109	ISO	POS	004	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
25 Feb:	0010	0012	0017		SF	7670	N14W68			
	0140	0424	0526	C1.4						
	1133	1201	1243	B8.1						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7670:	0	0	0	1	0	0	0	0	001	(33.3)
Uncorrellated:	1	0	0	0	0	0	0	0	002	(66.7)

Total Events: 003 optical and x-ray.

EVENTS WIT

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
NO EVENTS OBSERVED.								

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Fri, 4 Mar 1994 02:30:18 GMT
From: news.acns.nwu.edu!math.ohio-state.edu!sdd.hp.com!col.hp.com!srgenprp!
alanb@network.ucsd.edu
Subject: Help: Neighbor's CW interference
To: info-hams@ucsd.edu

Sam Watson (watson@lobby.ti.com) wrote:
: I'm not a radio operator, just trying to get along with one. Need advice on
: how to eliminate neighbor's 100 watt 10 meter CW transmissions from my house
: intercom speakers. Only thing that works is turning down the volume at each
: speaker, then we can't hear the doorbell since it's part of the intercom/
: radio. We have put a hi-pass filter on the FM lead, disconnected the
: AM lead, soldered .01mf caps across the speaker terminals, and grounded his
: antenna to an 8' copper clad rod. Nothing works. I'm betting some of the
: ARRL guys on the net have the answer. Any ideas?

I wouldn't expect soldering capacitors across the speaker terminals to help because the interference is affecting the intercom electronics, not the speaker. (If you disconnected the speaker wires from the intercom, I bet the interference would go away.) Also grounding the antenna or transmitter is unlikely to do any good.

Not sure what you mean about the high-pass filter on the FM lead. Do you get interference in your FM stereo as well? Or is it a wireless intercom that uses an FM transmitter to send the signal? Either way, it sounds like the problem is the ham's signal getting picked up directly by the wiring connected to the intercom/stereo.

Be careful about placing bypass capacitors across the speaker leads (on either end) because some amplifiers don't "like" a capacitive load and can oscillate. A better solution is to use what's called a "common-mode choke." You can make one by wrapping the speaker wire many times around a ferrite rod (the loopstick antenna from an old AM table radio works well for this) or better yet, obtain a good-sized ferrite toroid core and wrap the speaker wire many times through that. The ferrite choke should be located as close to the amplifier/intercom as possible (i.e. at the opposite end from the speaker.)

If that doesn't work, then try the same trick with the AC power cord going to the intercom. If there are any other wires going to the intercom/stereo, you might have to do it to them as well. Don't give up -- you might have to "choke" all incoming wires simultaneously to get rid of the interference. A big advantage of the common-mode choke method is that it requires no modifications or connections to the electronic equipment.

Suitable ferrite devices and interference-reduction techniques are described in a book from ARRL called "Radio Frequency Interference". The ham should know how to obtain a copy.

The above should at least help, if not cure, the interference. If you still have a problem after that, perhaps the ham can experiment with moving his antenna to the opposite side of his lot.

Alan Bloom N1AL

Date: Wed, 2 Mar 1994 17:39:52 GMT
From: amiserv!vpnet!gagme!n5ial!jim@uunet.uu.net
Subject: Jerk on 20 mtrs
To: info-hams@ucsd.edu

In article <2ktv3r$h6t@crcnis1.unl.edu> mcduffie@unlinfo.unl.edu (Gary McDuffie Sr) writes:
>kenman@iastate.edu (Kenneth D Anderson) writes:

First off, congrats on the upgrade!

>>Is this guy a fixture on 20 meters, or did I just get lucky?
>
>You got lucky. That is to say that you were lucky you only heard one
>station doing that. It is fairly common these days. I didn't say
>liked, I said common. Unfortunately, today's appreciation and respect
>of one's license is at an all time low for many.

I just remembered one of the key reasons why I abandoned the voice segment of the HF bands so long ago..... Yes, it's all coming back to me now. :-)

I don't know how you feel about other modes (and of course, that choice is strictly your own), but you might want to consider looking into some of the other modes, such as cw, RTTY, AMTOR and PacTOR (my personal favorites these days...cw is another, although I'm severely out of practice, and would probably have problems even copying 20 wpm, much less 30, like I used to), packet, etc.... I've never worked RTTY, but I'm guessing that it's basically like AMTOR/PacTOR---basically free of the lids, and loaded with lots of good folks.

You might also want to check out the WARC bands. I haven't been on any of them except 30m, myself, but I'm told that they're all much cleaner (I'm told that they're also frequented by lots of good folks, and I know this was certainly true of 30m when I was basically living on 30m several years ago).

Later,
   --jim

--
73 DE N5IAL (/4)   < Running Linux 0.99 PL10 >
      jim@n5ial.mythical.com   ICBM: 30.23N 86.32W
  || j.graham@ieee.org   Packet: N5IAL@W4ZBB (Ft. Walton Beach, FL)
E-mail me for information about KAMterm (host mode for Kantronics TNCs).

Date: 1 Mar 94 05:40:25 GMT
From: nprdc!ihnp4.ucsd.edu!agate!news.Brown.EDU!noc.near.net!news.delphi.com!
usenet@network.ucsd.edu
Subject: Ramsey DF-1 Kit
To: info-hams@ucsd.edu

Anyone had any experience with this direction finding kit, and if so, what?
Thank you.
Sherwin.

Date: Thu, 3 Mar 1994 01:39:34 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!gatech!swrinde!
sgiblab!wetware!spunky.RedBrick.COM!psinntp!psinntp!arrl.org!
ehare@network.ucsd.edu
To: info-hams@ucsd.edu

References <1994Feb28.170834.1217@pixar.com>, <1994Feb28.230819.12135@arrl.org>,
<2l2o2v$4ju@auggie.CCIT.Arizona.EDU>unky.R
Subject : Re: Have a say about ARRL policy

howard n lester (hlester@helium.gas.uug.arizona.edu) wrote:

: In article <1994Feb28.230819.12135@arrl.org>,

: Ed Hare (KA1CV) <ehare@arrl.org> wrote:
: >You can also usually find your Division Director at most major hamfests

: How much do they usually sell for?

: :)

Ah, Howard, my dear friend, you can always find a way to get me
in more trouble. :-)

A warm and personal 73 from ARRL HQ, Ed

--

Ed Hare, KA1CV ehare@arrl.org
American Radio Relay League

Date: 1 Mar 94 02:41:54 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
To: info-hams@ucsd.edu

References <rcrw90-240294091440@129.188.192.6>, <CLtKxy.9q1@news.Hawaii.Edu>,
<rcrw90-280294094834@waters.corp.mot.com.corp.mot.com>ix3.uhc
Subject : Re: RAMSEY FX TRANSCEIVER

In article <rcrw90-280294094834@waters.corp.mot.com.corp.mot.com>
rcrw90@email.mot.com (Mike Waters) writes:
>
>You must tell me how to carry on a QSK conversation when you are running
>your CQ tape Jeff. They must be *highly* skilled operators to do that - I
>guess one of the lost arts of radio :-)
>

The OTs used to be able to carry on a QSO and a verbal conversation
simultaneously!
But you're correct here. One possibility is the op might be working a
ship on one band and the other xmtrs are still carrying the CQ tape. That's
doubtful, though; at NMO, what ever was sent on the key went out over
ALL 6 xmtrs simultaneously. That way ships calling us on another
band wouldn't think we went to sleep (which is not hard to do at 3am).

>Strange that the SITOR and FAX stuff seems to be busy passing traffic all
>the time even if you can only hear one side of it.

Dunno. Those are new modes to me...
I'll deny I ever said this but I will grant you that other modes will
eventually take over CW (oh my God - I don't believe I admitted that)
 - what will it take? As long as the shore stations keep monitoring the
CW frequencies some ships will keep using that mode. So the decision rests
entirely in the lap of the shore stations.

73 Mike,
Jeff NH6IL

Date: 26 Feb 94 22:31:30 GMT
From: nprdc!ihnp4.ucsd.edu!agate!apple.com!voder!zok!wattres!
steve@network.ucsd.edu
To: info-hams@ucsd.edu

References <2733@indep1.chi.il.us>, <rohvm1.mah48d-220294100035@136.141.220.39>,
<tcjCLpvwz.M5C@netcom.com>
Subject : Re: Probable demise of the online repeater directory project

In article <tcjCLpvwz.M5C@netcom.com> tcj@netcom.com (Todd Jonz) writes:
>Conway Yee (yee@mipg.upenn.edu) writes:
>
> > Recently, I received a polite letter from the ARRL lawyers
> > threatening legal action if I continue on this project.
> > Specifically, they state that the ARRL owns the FACTS present in the
> > repeater directory and that the format of the database infringes
> > upon the ARRL copyright.

Umm... I'll quietly not comment on this line; nobody owns the individual
pieces of data.

>John E. Taylor III (rohvm1.mah48d@rohmhaas.com) replies:
>
> > I'm an ARRL member, and considering ARRL put a fair amount of effort
> > into compiling the Repeater Directory, I'd feel they weren't using
> > my money wisely if they did _not_ enforce their copyright to the
> > Directory.

>I'm an ARRL member, too, but I couldn't disagree more with John's opinion on
>this issue.

I'm afraid I have to agree with John on this one. That's why I specifically
asked that people *NOT* type in the repeater directory when I was trying this
same project several years ago.

The thing that is most noticably missing from the paper form of the Repeater
Directory is location information and HAAT that is useful to someone who
is not familiar with the geography of the area. For instance, it's non-
obvious (to someone who hasn't been there) that a repeater in Cambridge, MA.,
will easily cover "Boston" (whatever that means unto itself; is it the city,
the metro area?), Sommerville, and all manner of little towns outside the
195 (I think it is) loop. I only figured this out after quite a bit
of experimentation, and looking at a topo map didn't help a whole bunch,
because I didn't know HAAT or location.

I'll admit that this example is somewhat contrived; it's much worse out
here in the west where there are hills (if not actual mountains) between

you and the repeater. For instance, there is a repeater less than 10 miles from my home QTH which I have *no* hope of hitting; there's the side of a hill in the way.

This is why I was trying to get Latitude / Longitude / HAAT information when I was building an online database. However, after more than a year of data gathering (almost completely by asking people on the 'net to submit their favorite repeater), I had 50 repeaters nationwide. I will readily admit that I didn't "market" the database aggressively, because I didn't have time to. However, I did check the coverage one several of the entries by looking at a topo map of the area, finding the repeater, and looking at what the coverage should look like. It seemed to match my expectations.

On another note, it seems that there are a great many repeater owners who are unwilling to let the exact site of the repeater be known; I have to admit a large amount of confusion on this point, since RDF techniques are so simple as to make finding a repeater trivial.

Oh, by the way Todd, I buy *4* copies of the paper directory; home, work, car, and the emergency bag. ;)

73 de KD6GGD
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don't always like being taught." -- Winston Churchill

End of Info-Hams Digest V94 #237
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